Status Summary of High-Impact Science Actions

Greyed out items indicate status from April DASW meeting

	Topic	Status			
		Awaiting (additional) Workgroup input	Initiated/ Initial discussions in place	Being scoped by interested entities	Implementation underway
TABLE 1: HIGH-IMPACT SCIENCE ACTIONS THAT MAY BE ADDRESSED BY RAPID-RESPONSE IMPLEMENTATION					
1A	***Drought effects synthesis*** *Conduct a technical review of current reports concerning the drought to identify what is known about effects of the drought as well as to determine gaps in knowledge and topics not covered in past synthesis efforts. Using results from the review conduct a "lessons learned" workshop and create a set of metrics to monitor key indicators of drought impacts.*			○	○
1B	***Real-time decision support tool evaluation*** *Evaluate tools supporting real-time operations, monitoring, reporting, data management, and accessibility of data.*			○	○
2C	***Restoration design synthesis*** *Synthesize established knowledge about designing effective habitat restoration projects in the Delta.*			○	○
2D	***Pre-restoration monitoring*** *Enhance current and promote additional monitoring efforts in the Delta and Suisun Marsh to gather pre-restoration data.*			○	
2E	***Northeast Delta landscape vision*** *Develop the landscape vision and decision support framework for the Northeast Delta pilot effort.*			○	
3F	***Shasta Reservoir temperature forecasting*** *Conduct follow-up work to improve collaborative temperature modeling of cold water forecasting for Shasta Reservoir releases into the Sacramento River.*				●
3G	***Salmon life-cycle model review*** *Peer-review of the Southwest Fisheries Science Center's winter-run Chinook salmon life-cycle model.*				●
3H	***Resources and mechanisms to fund collaborative research*** *Identify the process, mechanisms and resources to fund research identified by various efforts such as Salmon/Steelhead/Sturgeon Assessment of Indicators by Life Stages (SAIL), the Interagency Ecological Program's Management, Analysis, and Synthesis Team (MAST), the Collaborative Adaptive Management Team (CAMT), and Delta Regional Monitoring Program (Delta RMP).*				●
4I	***Economic analysis of flood control methods*** *Consolidate the current state of knowledge regarding economic analysis of the potential to reduce flood damage through strategic levee setbacks and expanding wetland and floodplain acreage.*		○		
TABLE 2: LONGER TERM IMPLEMENTATION MECHANISMS - PROPOSAL SOLICITATION/DELTA SCIENCE FELLOWS					
2015 Sea Grant Delta Science Fellows Request for Applications					○
2016 Research topics for Proposition 1 proposal solicitations					●
2017 Sea Grant Delta Science Fellows Request for Applications					○
Multi-agency proposal solicitation			○		

○ – early stages of implementation ● – well underway